

ITI Quiz - 02-May-2026

08:58 AM

Q. ID: ITISKILL8452XN

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. Which type of muffler produces anti noise without restricting exhaust flow?

- A) Reverse flow type
- B) Electronic type
- C) Baffle type
- D) Straight through type

- A) Resonance type
- C) Reverse flow type

- B) Straight through type
- D) Electronic type

2. Where the catalytic converter is fitted?

- A) Between exhaust pipe and muffler
- B) Between muffler and tail pipe
- C) Between engine head and exhaust manifold
- D) Between tail pipe and resonator pipe

10. Where is the turbocharger mounted?

- A) Cylinder head
- C) Exhaust manifold
- B) Air filter
- D) Inlet manifold

3. Where the catalytic converters are used?

- A) Exhaust system
- B) Inlet system
- C) Fuel system
- D) Lubrication system

11. Which is related to pneumatic system?

- A) Steam
- C) Compressed air
- B) Electric
- D) Pressurized water

4. Which component is related to exhaust system?

- A) Injection pump
- B) Carburetor
- C) Muffler
- D) Air filter

12. Which part connects the petrol engine inlet manifold?

- A) Injector
- C) Fuel pump
- B) Carburetor
- D) Air filter

5. Which process is taken place in catalytic convertor?

- A) Thermal
- B) Physical
- C) Biological
- D) Chemical

13. What is the purpose of catalytic converter?

- A) Control the emission
- C) Control the noise
- B) Control the temperature
- D) Control the fuel consumption

6. Which one of the following acts as a flame arrester during engine back fire?

- A) Oil filter
- B) Fuel filter
- C) Muffler
- D) Air filter

14. Which metal in the fuel is to be avoided while fitting catalytic convertor?

- A) Lead
- C) Chromium
- B) Phosphorus
- D) Tin

7. Where the exhaust system muffler is connected?

- A) Between tail pipe and exhaust manifold
- B) Between exhaust pipe and tail pipe
- C) Between engine head and exhaust manifold
- D) Between exhaust pipe and exhaust manifold

15. What is the purpose of the turbo charger?

- A) Pump more air into the cylinder
- C) Filter the exhaust gas
- B) Scavenging
- D) Save power

8. How does a turbocharger get drive?

- A) By belt
- B) By gear
- C) By exhaust gas
- D) By inlet gas

16. What is the purpose of the muffler in the exhaust system?

- A) To reduce the heat
- C) To filter the exhaust gases
- B) To reduce the noise
- D) To reduce the vibration

9. Which type of muffler is fitted with sensors and microphone ?

17. Which type of filter element is fitted in dry type air cleaner?

- A) Wire mesh
- C) Cloth
- B) Paper
- D) Strainer

18. What is the material of exhaust manifold?

- A) Steel alloy
- C) Cast iron

- B) Bronze
- D) Brass

19. What is the material of inlet manifold?

- A) Stainless steel
- C) Bronze
- B) Brass
- D) Aluminium alloy

20. Which are the materials commonly used in the catalytic

converter?

- A) Asbestos and ceramics
- C) Palladium and platinum
- B) Chromium and vanadium
- D) Zinc and molybdenum

21. What is the reason to decrease the volumetric efficiency in exhaust system?

- A) Low noise
 - C) Excessive back pressure
 - B) Low temperature
 - D) High temperature
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